

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently Amended) A method for generating the three-dimensional ultrasound image of a body region of a patient, said body region exhibiting spatial variation due to breathing motion, comprising the steps of:

applying an ultrasound transducer arrangement to a body region of a patient exhibiting spatial variations due to breathing motion, and conducting an ultrasound scan of said region by coupling ultrasound radiation into the body region in one stationary scan plane to obtain electrical signals resulting from interaction of the ultrasound radiation with the body region;

from said electrical signals, generating temporally successive B-images of said body region ~~in a stationary image plane~~, said successive B-images, due to said breathing motion, ~~pertaining to respective~~ respectively representing different slice planes of the body region; and registering the successive B-images and combining the registered successive B-images in an image processor to form a three-dimensional image of said body region comprising said different slice planes, and making said three-dimensional image available in a form for display.

2. (Original) A method as claimed in claim 1 comprising employing an ultrasound transducer array as said ultrasound transducer arrangement.

3. (Original) A method as claimed in claim 1 comprising the additional step of converting said three-dimensional image of said body region into at least one C-image of said body region.